

From: "Zhen, Davis"  
To: "Scott Coffey" <[coffeyse@cdmsmith.com](mailto:coffeyse@cdmsmith.com)>  
"Young, Howard S." <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>  
"Sheldrake, Sean" <[sheldrake.sean@epa.gov](mailto:sheldrake.sean@epa.gov)>  
Date: 5/7/2018 12:07:25 PM  
Subject: FW: Sediment Trap Design Approval

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FYI, one step at a time.

Thanks,

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Davis Zhen, Manager  
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Office of Environmental Cleanup  
1200 Sixth Avenue Suite 155  
M/S ECL – 122, Seattle, WA 98101  
Tel: (206) 553-7660  
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From: Zhen, Davis  
Sent: Monday, May 07, 2018 12:07 PM  
To: 'Tyrrell, Ken' <[ken.tyrrell@aecom.com](mailto:ken.tyrrell@aecom.com)>  
Subject: Sediment Trap Design Approval

Ken,

I would like to also point out that the approval below only applies to the sediment trap design. Significant issues remain on the Task Specific Health and Safety Addendum, which includes specifics to dive safety. These issues need to be resolved prior to Pre-RD performing activities for Sediment Trap Sampling. I suggest having a meeting with the Region 10 Unit Diver Officer/National Trainer and CDM to discuss the EPA comments.

Thanks,

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From: Zhen, Davis  
Sent: Monday, May 07, 2018 11:48 AM  
To: 'Tyrrell, Ken' <[ken.tyrrell@aecom.com](mailto:ken.tyrrell@aecom.com)>  
Subject: Sediment Trap Design Approval

Ken,

After additional review and technical discussion, EPA approves the modified sediment trap design provided by the Pre-RD Group, but has the following statement about its limitations:

- Due to uncertainty regarding the capture of suspended sediments by the sediment trap, the sediment trap

- data is not suitable for developing quantitative sediment loading estimates.

Despite this limitation, the sediment trap data is useful for developing empirical estimates of suspended sediment contaminant concentrations over the deployment period and should be used qualitatively in conjunction with other lines of evidence such as particulate contaminant concentrations generated through the surface water sampling program.

Thanks,

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